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Titusville Amateur Radio Club

TARC NEWSLETTER

January 1990

President's Corner

It's official -- we met the qualifications and we are now an ARRL affiliated club. It doesn't cost us a cent for this status but we stand to gain a lot. ARRL provided a list of benefits that come with this affiliation, including the following:

Field Forum, a newsletter with interesting news and ideas for and about amateur radio clubs

ARRL sponsored liability and equipment insurance

Referrals of prospective hams

Rebates for new ARRL memberships and renewals handled through the club

Geographical lists of all amateurs in our area and free mailing labels of local ARRL members

Access to free films and other audio-visual aids and program materials

Brochures and other aids to solicit new club members

Clip art and other material to enhance our club newsletter

It should be noted that you don't need to be a League member to belong to TARC, but we encourage it. We hope to always have over 51% of our TARC members belong to the ARRL. Remember, when you are ready to become a League member or renew your membership, do so through our club treasurer. Clyde will certainly (?) this increase in his duties.

January Featured Speaker
by Dick Duell

The featured speaker will be Fred Kienzle – K4ZS. He will discuss AMTOR (AMateur Teleprinting Over Radio) and will show a video presentation on AMTOR operation.

Upcoming Events

> **January 23**, February 27 – next TARC meetings, 7 p.m., JayCees Building on Singleton Ave.
> Every Thursday night – TARC Friendship Net, 7 p.m., 146.91 MHz (–600).
> 3rd Saturday of each month – SBARC / ARRL exams, 9:30 a.m. registration, FIT room Q22 in The Quad (under ham radio mast). For info call Jim Larson, home phone 768–1954 evenings.
> March 23–25, 1990 – Orlando Hamcation, Orange County Civic Center (I–4, Exit 29).
> **February 16** – **Deadline** for articles to be included in the February edition of the *TARC Newsletter.*

Officers

President: Bob Nedlmeyer W4VQB 269–1878
Vice Pres: Dick Duell W4LSD 269–1878
Secretary: Doug Reed N4QVY 268–1934
Treasurer: Clyde Lee K4EOS 267–9375

ARRL Member Renewal
by Clyde Lee – K4EOS

TARC is now ARRL affiliated. Each new or renewal of ARRL membership submitted through TARC will result in a $2.00 rebate to the TARC treasury. Please submit all ARRL renewals and new ARRL memberships to myself.

Also check your mailing label on this newsletter for TARC renewal information. TARC dues should also be sent to me.

The Editor's Desk
by Doug Reed N4QVY

Boy did I ever get this month's deadline confused... I ought to read last month's newsletter myself and pay attention to what I wrote. Anyway, all of the members in Titusville should receive this by Monday at the latest.

This being January, I think that it is the proper time to consider starting / finishing up those Field Day projects. I know of a couple that were planned for last year but were started too late. My personal project is to finish putting together a universal electronic keyer box that should adapt to virtually all CW hams. I hope to have a switch for left and right hand operation, another for iambic type A and type B, inputs for straight key, single paddle, and dual (iambic) paddle, maybe a sidetone speaker, and maybe a speedmeter. Most HF rigs have built in sidetone, so additional sidetone is a luxury that will come in handy for standalone practicing.

By the way, before you ask, type A iambic differs from type B in this regard: type B sends an alternate dot or

See **Desk** on back

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Computer Service and Repair

The **TARC Newsletter** is (usually) published on a monthly basis. Articles are published based on their newsworthiness to TARC membership, space available, and ease of entry to the publishing medium.

Preferred transfer methods are EMail to *Doug Reed* at Tech-Talk BBS, EMail on 2 meter packet to N4QVY@KB4LB or N4QVY@WD4HIM, direct packet, 3.5" AmigaDOS 880K disk, 3.5" MS-DOS 360K disk, 5.25" MS-DOS 360K disk, direct landline modem, and print / hand-written / hardcopy formats, in that order. Separate each paragraph with a blank line for ease of re-formatting into a publishing format.

Article / classified deadline is two Fridays prior to the date of the monthly meeting. The next deadline is **February 16**.

Articles may be given to the editor, Doug - N4QVY, at the IHOP on net nights, or left with Bud - K4CWG, where it will hopefully make its way to the aforementioned editor.

The **TARC Newsletter** is assembled on a Commodore Amiga computer using Gold Disk's PageSetter desktop publishing software and output to a PostScript compatible laser printer. Bulk printing service is donated by Brevard Office Equipment, Inc. Folding, stamping, and mailing services are usually 'donated' by Bud (K4CWG), Les (K4SJC), and anyone Bud can slyly talk into *visiting* him. Thanks to all those involved in this maddening once (thank goodness) a month event.

Desk...
dash element during iambic (i.e. squeeze) keying. For example, if you are sending a dahdidadit, you release the paddles during the second dash with type B. With type A you release the paddles after the second dot.

We are also planning a special Field Day newsletter in May, to be mailed out to all Titusville hams, active and inactive. It would be nice to meet all the locals down at the operating site.

Perusing the latest QEX (December 1989) provides a little information on the next "battle for the bands" and the politics governing the policies of our hobby. CCIR (International Radio Consultative Committee) Study Group 8 (Mobile and Amateur Services) held their final meeting of the 1986-1990 study period. There exists some 11 CCIR Study Groups. Some of the groups have Interim Working Party (IWP) whose task is "to consider the needs of the individual radio services as part of CCIR WARC preparation. Some Joint IWPs (JIWPs) have been set up "to discuss frequency sharing and other concerns between radio services." More from the article:

> "...the CCIR is the part of the International Telecommunication Union (ITU) charged with considering technical and operational charactersitics of differenct radio services. It plays only an advisory role in WARCs, which are the bodies usually given the power to reallocate the radio spectrum. Nevertheless, CCIR is well respected, and its reports are taken seriously by WARCs.
>
> There's a 99.9% certainty that the CCIR report to WARC-92 will say that the Future Public Land Mobile Telecommunication System (FPLMTS - pronounced "flumpts") will need 200 MHz of spectrum in the 0.5-3 GHz range. There are three amateur bands within this range: 902-928 MHz (Region 2), 1240-1300 MHz (worldwide), and 2300-2450 MHz (worldwide minus a 2310-2390 region in the U.S.).

The article goes on to illustrate the foresightedness of the international commercial sector of determining what resources will be necessary for the technology of **replacing** a digital cellular system which itself will replace the present analog cellular system. The article asks: "Wouldn't it be nice to have such a plan for what the overall Amateur Radio "system" will look like early in the next century? Wouldn't a plan help to convince other radio services that hams (a) are technically competent, (b) are pushing the state-of-the-art, (c) have a robust system capable of operation during disasters when other services are down or seriously overloaded, and (d) are effectively using the spectrum allocated to us? (QEX editorial by W4RI)

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JAN 19
PM
1990

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YOUR CLUB DUES EXPIRE: JAN 91
73 GL ES GUD DX de TARC !